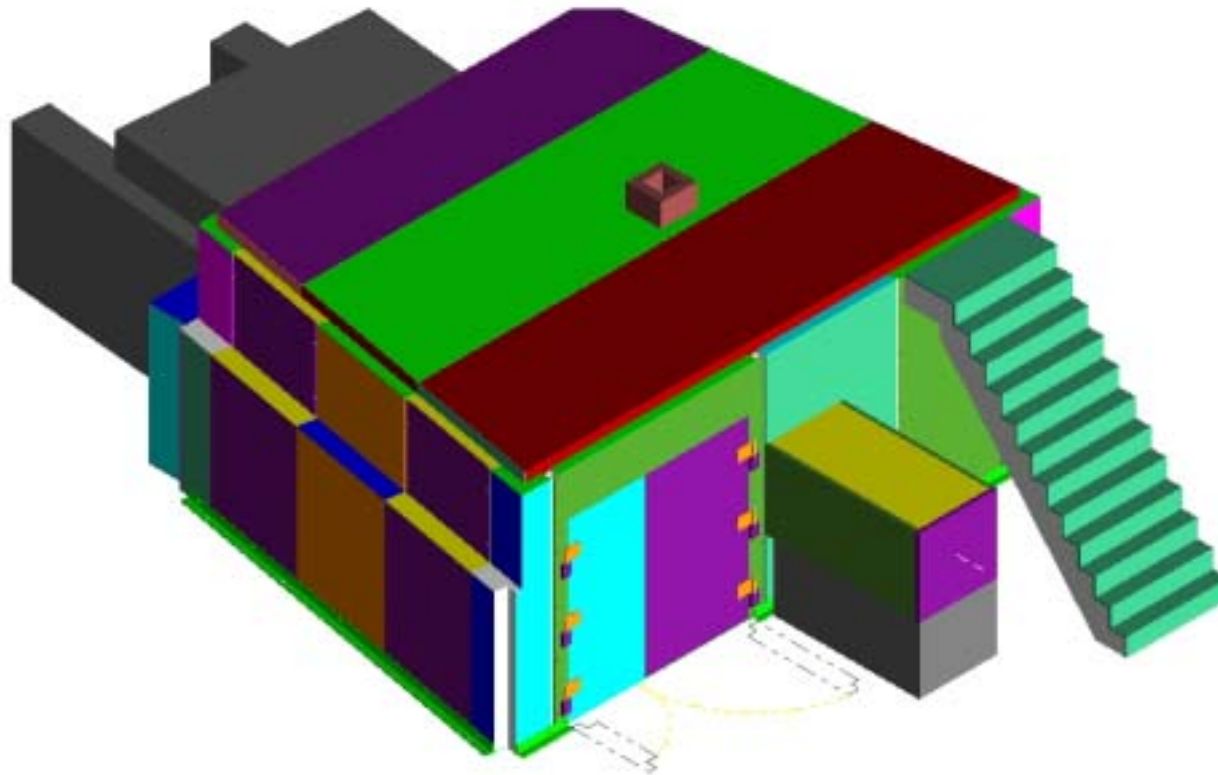


## Cave Construction: Status and Plans



NPDGamma Collaboration  
Vancouver  
September 28-29, 2002

## Status: Proposed Cave Structure

- Double-shell:
  - Steel frame
  - 2 x 2" thick steel, 2" space between filled with 2" regular poly
- Outside and inside a 1" thick layer of 5% boron loaded poly

For the double-shell structure we have:

- Radiological calculations
- We have 3D model for the magnetic shielding
  - more calculations is needed
- The FP11 magnet was fired and we mapped the fringing field
  - results to the 3D model
- An engineer is working with the structural issues
- On week Oct-7 we have a designer available for the cave design

## Cave: Schedule

